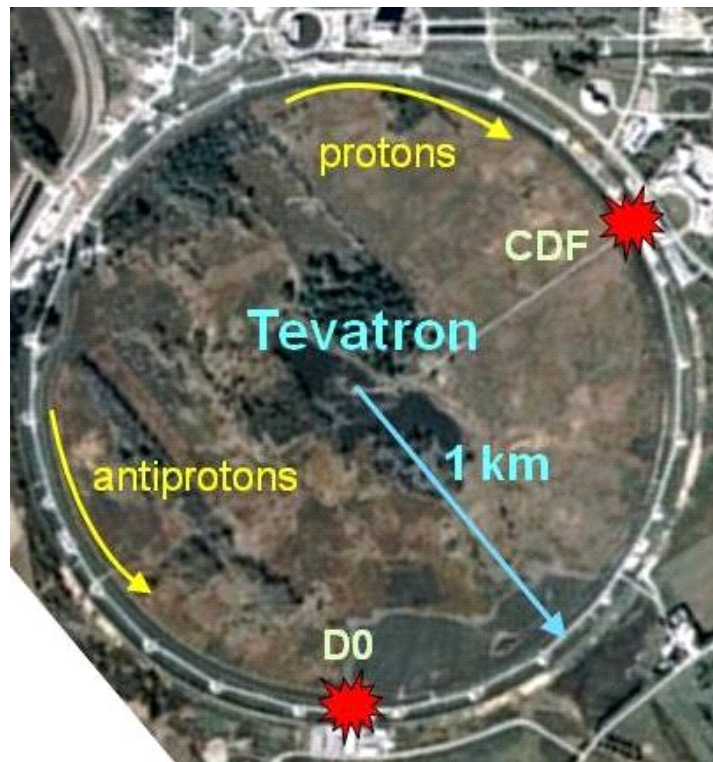




What's Next for Tevatron Accelerator Studies



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What's Next?



- Plenty of interesting topics to be pursued
 - Just for science itself and relevance to advancing machine operations
- Continue crystal collimator, electron lens activities already planned
 - New crystals, instrumentation & hollow e-beam TEL gun being installed
- Need more formal proposal/approval mechanism for studies (*BNL APEX*)
 - Helpful for planning support from local experts
 - Also provide feedback to proponents in advance
 - Prioritize, organize, schedule
 - Other studies could be completed during normal collider operation
 - May need to coordinate $p\bar{p}$ production, help from CDF and D0
 - Hosting another workshop may be beneficial
- Overall schedule – impact of external effects?
 - FY11 budget impact could reduce Tevatron operation
 - Possible Run 2 extension could delay dedicated run



Summary



- Strong interest in experimental accelerator program using the Tevatron
 - During ongoing Run 2 and a dedicated program
 - CERN+LARP, BNL, FNAL all interested
 - Inter-laboratory cooperation is a strong motivation
- Plenty of ideas discussed at Tevatron Accelerator Studies Workshop
- Crystal collimation and beam-beam compensation studies already in progress, expected to continue for rest of Run 2
- Several weeks – 2 months seems to be right scale for dedicated run
- Need to develop mechanism for proposing / organizing studies
- Should take advantage of unique Tevatron opportunities for studies